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REPORT ON
BUCKSKIN NATIONAL GOLD MINING CO.
NATIONAL, HUMBOLDT COUNTY, NEVADA.

Examined July 19 to 22, 1920
Reported August 6, 1920.
By A. C. Carper.

REPORT ON

BUCKSKIN NATIONAL GOLD MINING CO.

NATIONAL, HUMBOLDT COUNTY, NEV.

LOCATION

This property, consisting of nine (9) unpatented claims, is located on the east slope of Buckskin Mountain about three and one-half miles south-east of the town of National, Mt. Rose mining district, Humboldt County, Nevada. The property is about seventy miles north of the town of Winnemucca, the nearest railroad point.

GEOLOGY AND ORE OCCURRENCE

This property is covered with a deep flow of rhyolite, or possibly several flows, of the same flow as at National. The veins are made in fissures and consist of a fine-grained quartz, which by later movement along these planes has been crushed, then partially recemented. The Bell vein, which is the only important vein developed, has a strike of N. 70° W. and dips about 70 degrees to the west. This vein is from two to five feet wide. The vein is mostly oxidized, containing quartz, talc and limonite. Stibnite was noted only in two places, one on the surface and the other in the south end of the Number two tunnel.

In the Hatch tunnel a winze forty feet deep shows the vein only partially oxidized, with some secondary sulphides present. (Pyrite, ruby silver and other silver sulphides.)

The Never Sweat vein is developed for a short distance in the Halcyon and Hatch tunnels. This vein is very small, four inches to two feet wide, is fine-grained quartz and not crushed.

In the Number two tunnel the best ore occurs on the foot-wall of the vein, where one small stope of very high grade ore was

mined. In the winze in the Hatch tunnel the best silver ore is on the hanging wall of the vein, while in the stope above the winze the best ore is on the foot-wall. This indicates that the ore occurs in no definite part of the vein.

As the vein is so broken up the majority of drifts are lagged tight, for this reason samples of a scattered nature were taken. Though some good values were found (see attached map) they show ore in scattered portions. The owners claim an ore chute five hundred feet long in the No. 2 tunnel that will average about \$15.00 a ton.

TITLE

This property is held by right of discovery and location.

WORKINGS

The workings consist of four tunnels known as the Halcyon, Hatch, Number 1 and Number 2 tunnels.

The Halcyon tunnel is located in the northern end of the property. This is the deepest tunnel and consists of a crosscut 1365 feet long with a drift on the Bell vein 370 feet in length, and two raises fifty feet high. Also a drift on the Never Sweat vein is 180 feet long, with one raise 30 feet high.

The Hatch tunnel is located about the center of the property. This tunnel consists of a crosscut 995 feet in length with 325 feet of drifting on the vein. Also one overhand stope, a winze 40 feet deep and about forty feet of drifting at the bottom of the winze.

The No. 1 tunnel consists of a crosscut 420 feet in length.

The No. 2 tunnel consists of a crosscut 470 feet in length with 1380 feet of drifting on the Bell vein and 340 feet of drifting on a split from the Bell vein.

Between the No. 1 and No. 2 tunnels there is an intermediate drift 110 feet long on the Bell vein with a raise (small

stope) fifty feet high.

There is a winze approximately 200 feet deep sunk from the No. 2 tunnel; from this winze there are three intermediate drifts, No. 2 is 110 feet long, No. 3 is 85 feet long and No. 4 is 330 feet long.

EQUIPMENT

The equipment consists of the following: three small blacksmith shops, two five horsepower gas engines and blowers, 2000 to 3000 feet of six inch galvanized air pipe, several thousand feet of mine rails, five mine cars, hand mining tools, nine horsepower Fairbanks-Morse vertical hoist, cable and skip.

The Mill is equipped as follows:

Jaw crusher, three J.H. Champion feeders, three J.H. two stamp batteries (1200 pound stamps), three copper amalgamation plates (4 ft. x 8 ft.), one four foot ball mill, two No. 2 Diester concentration tables, forty horsepower Foos gas engine, small assay office. The Mill is a frame structure covered with painted corrugated iron.

Bunk-house for twenty men, dining-room and kitchen, three cabins (two frame, one cement) well equipped assay office with crusher, pulverizer, sampler, gas engine, gasoline furnace and balances. 40 acre pasture fenced with barb wire.

PRODUCTION

The total production has been small consisting of several small lots of high grade ore, and a few lots of second grade ore, which were shipped to the smelter. An idea of the value of these lots can be gained from the following:

One lot high grade ore 156 pounds settled for \$11,843.00 a ton; a second lot of high grade 322 pounds settled for \$12,272.00 a ton; one lot of second grade ore 3440 pounds settled for \$340.76 a ton.

A small amount of ore was run thru the Mill, but this was discontinued as soon as it was learned that their mill extraction was only about 30 per cent. The Mill ran approximately one month.

SAMPLES

There were thirty samples taken from scattered places in the four tunnels. Samples were taken from every place that was not lagged and the vein open for inspection. The results of these samples are shown on the attached map, showing first number, width in feet above the line, ounces gold then ounces silver below the line.

HISTORY

The Buckskin National Gold Mining Company was incorporated in 1912 with a capitalization of 1,250,000 shares, par value \$1.00 per share. To this Company was conveyed the claims in this group, which were located in 1905. Of the total capitalization 450,000 shares were placed in the treasury of the Company, the balance being promotion stock.

TERMS

Mr. Bell, the President of this Company, offers to place in escrow 850,000 shares of the stock of this Company, including 208,000 shares still in the treasury, upon the signing of a working agreement and the payment of approximately \$32,725.00. This 850,000 shares of stock to net the Buckskin Company thirty-five cents a share plus a 10 per cent commission to Mr. W. T. McCall (Agent), making the total cost of purchase approximately \$327,250.00, which must be paid within a period of eighteen months after the original payment is made.

CONCLUSIONS

Considering the small amount of ore actually developed, the distance to the nearest supply point (80 miles), the cost of mining and the unknown method of milling the ore - combining the above items

with the large first cost, the excessive purchase price and the short period of time to complete payments, - the property is not worthy of further consideration unless very much more lenient terms can be obtained.

Respectfully submitted,

A. J. Carpenter

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